

# iData 80 Extra-large screen Rugged Mobile Computer

Redefining the large screen PDAs



- **Industry pioneer large 5.7-inch screen, 18:9 full view display leading design**
  - ◆ **Large 5.7-inch screen:** big and brand new display shows more comprehensive, let you have a better view and work experience;
  - ◆ **The leading 18:9 full view display:** same vision as PAD and great handheld experience as a PDA.
- **Multiple field enterprise data collection function**
  - ◆ **Compatible with multiple types of industrial-level scanning engines,** satisfy the bar code scanning demands of different scenes;
  - ◆ **Support multiple professional data automatic recognition and collection modes like NFC, GPS and cameras,** help the users to collect the business data accurately and rapidly.
- **Supreme configuration, stronger performance**
  - ◆ **Qualcomm Octa-core CPU & 2GB RAM,** with the higher performance and lower power consumption;
  - ◆ **Android 7.0 system, further optimize the iData 80,** help you cope with the multiple-task processing in a high speed and bring the more excellent smooth operation;
  - ◆ **4000mAh high-capacity battery + iData systematic-level electricity-saving optimization.**
- **Safer and more reliable**
  - ◆ iData 80 boasts **an ultra-fast fingerprint sensor** so you can swift unlock the mobile computer; supports multiple fingerprint recognition applications, satisfy all mobile application demands of Enterprises

- iData 80 can meet a protection grade of IP65 bear 1.5-meter-high drop, adapt to more complex and severe working environment.

### ➤ iData Series Enterprise Applications

- **iData self-developed Enterprise apps (iSeries Apps)**, among many others, it includes the iLauncher (Kiosk or Lock-down mode) where admin can customize which apps and features are available for the users of the iData 80.

## System Configuration

CPU	High-performance octa-core 1.4 GHz processor
Operating System	Android 7.0
Memory	16 GB ROM+2 GB RAM
Expansion Slot	Micro SD card, up to 32 GB
Display	5.7-inch, 1440 x 720 High resolution (18:9 full view display)
Touch Panel	Industrial-grade capacitive touch panel
Camera (optional)	13 MXP autofocus camera in the back side, autofocus lens, LED flash
Exit Window	Corning® Gorilla® glass
Keypad	3 front keys, 4 side keys, Power key
Battery	3.8 V 4000 mAh rechargeable lithium polymer battery
Audio	Built-in microphone /Type c USB
Notification	Vibrator alerts/LED/Audio notification
Vibration Motor	Built-in programmable vibration motor
Fingerprint module	Capacitive fingerprint module

## Structural Parameters

Dimensions (LxWxD)	162 mm x 78.8 mm x 15.5 mm (max thickness 22mm)
Weight	240g (battery included)

## Communication Transmission

Wireless WAN (Network frequency)	GSM/GPRS: 850/900/1800/1900 MHz WCDMA: B1/B2/B5/B8, EVDO 800 MHz, TD-SCDMA:B34/39 UMTS / HSPA+ Primary bands 1/8. LTE Bands 1/3/5/7/8/20/38/39/40/41
Wireless WAN (Data service)	GPRS/EDGE/TD-SCDMA/TDD-LTE
Wireless LAN	Wi-Fi 802.11 a/b/g/n/ac (Dual-band Wi-Fi: 2.4G+5G)
Bluetooth	Bluetooth 4.1
GPS	Supporting GPS/AGPS/Glonass/Beidou Compass

## Operating Environment

Development Tools	Android SDK+ JDK+Eclipse
Programming Language	Java
Operating Temp.	-10°C ~ 50°C
Storage Temp.	-20°C ~ 60°C
Relative Humidity	0 ~ 95% (non-condensing)
Drop Specification	1.5-meter drops to concrete ground
Sealing	IP65
Electrostatic Discharge	Conforms to ±15 kV air discharge, ±8 kV direct discharge

## 2D Area Imager

Optical Resolution	≥ 3 mil
Scan Angle	Omnidirectional
Scan Speed	300 scans/sec.

## NFC

Frequency	13.56 MHz
Reading Distance	Within 10 mm
Protocol	ISO14443A/14443B/15693

## Input / Output Ports

USB Port	1 (Type c USB port)
Charger Port	1

## Accessories

Standard	USB cable, Power adapter, Hand strap, Quick guide, Guarantee brochure, External packing
Optional	4-slot charging stand

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*iData, high performance and high reliability.*